



City of Galveston
Municipal Utilities Monthly Report
December 2021

City of Galveston / 3015 Market Street / Galveston, TX / 77550

**MONTHLY REPORT
OF WATER SUPPLIES**

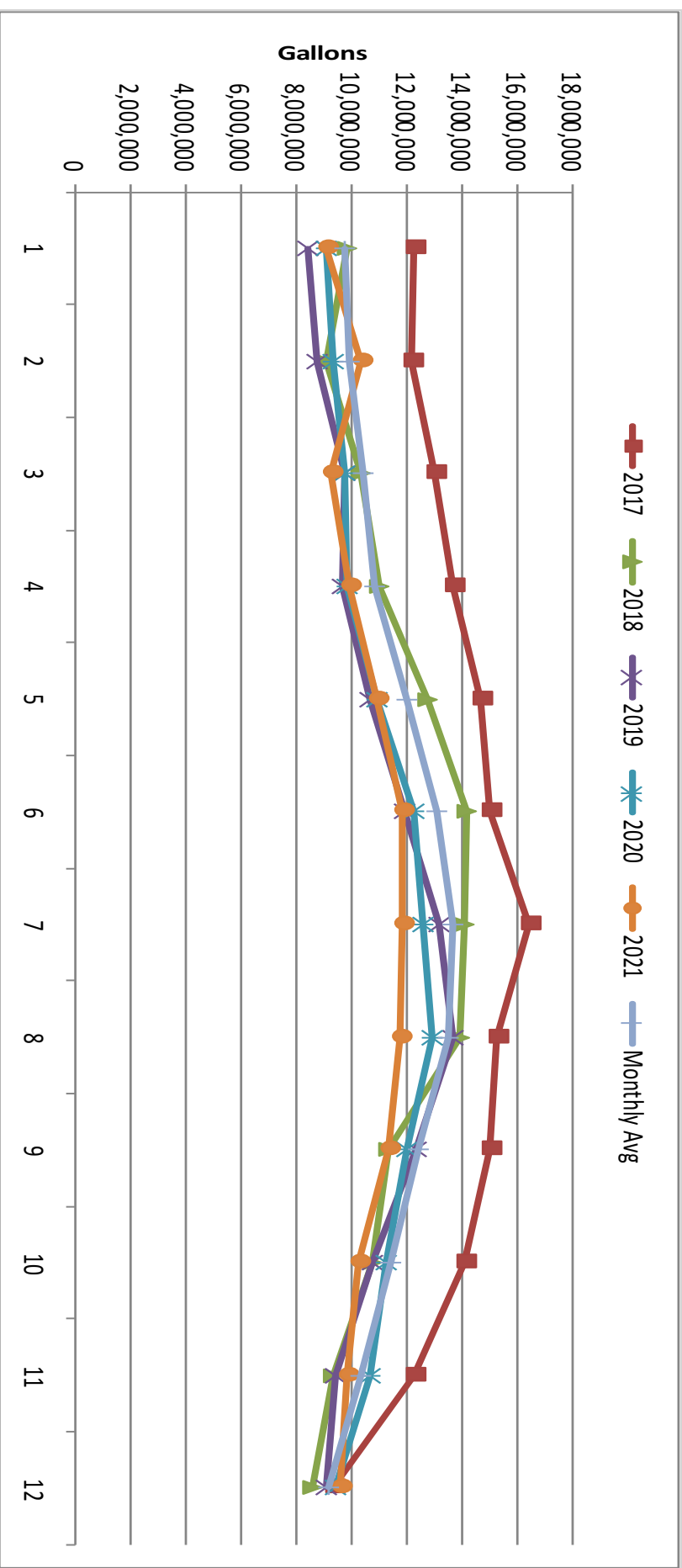
Dec-21

**TCEQ DIVISION OF
WATER UTILITIES**

Galveston Daily Water Pumpage Report

Day	Date	Purchased	30St Pumped Station	59th Pumped Station	Airport Pumped Station	Well Water
Dec	2021	From GCWA	GST Level 8 AM	GST Level 8 AM	GST Level 8 AM	Availability
	1	9,620,000	13.0	16.3	19.9	542,400,000
	2	11,506,000	13.0	17.3	19.5	
	3	11,607,000	15.8	15.8	20.7	
	4	10,640,000	18.1	15.8	19.1	
	5	8,877,000	19.7	15.8	19.4	
	6	9,067,000	18.3	15.8	18.9	
	7	9,822,000	15.4	15.8	19.0	
	8	9,379,000	16.6	15.8	18.7	
	9	9,555,000	16.7	15.8	18.0	
	10	10,272,000	16.3	15.8	19.8	
	11	9,451,000	17.5	15.8	19.7	
	12	11,508,000	15.4	15.8	19.5	
	13	10,243,000	15.6	15.8	20.4	
	14	8,145,000	18.5	15.8	17.4	
	15	8,778,000	17.1	15.8	20.0	
	16	11,039,000	17.3	15.8	17.0	
	17	7,816,000	20.3	15.8	16.5	
	18	9,089,000	17.2	15.8	20.0	
	19	7,912,000	17.1	15.8	20.7	
	20	9,069,000	16.7	15.8	18.4	
	21	8,347,000	16.8	15.8	19.1	
	22	10,739,000	15.8	15.8	18.2	
	23	8,786,000	18.3	15.8	20.1	
	24	9,066,000	19.1	15.8	18.6	
	25	8,918,000	16.8	15.8	19.4	
	26	10,027,000	18.4	15.8	18.0	
	27	8,481,000	19.1	15.8	19.1	
	28	10,119,000	16.7	15.8	19.3	
	29	10,509,000	18.0	15.8	18.4	
	30	9,075,000	17.7	15.8	18.8	
	31	9,450,000	17.9	15.4	19.0	
Total		296,912,000				
Average		9,577,806	17.1	15.9	19.1	
Maximum		11,607,000	20.3	17.3	20.7	
Minimum		7,816,000	13.0	15.4	16.5	
Year to Date		3,836,951,000				

WATER CONSUMPTION REPORT



Distribution	FY2021 Dec	FYTD	FY2020 Dec
New water taps installed	24	62	20
Footage of water main installed	0	0	0
Water tap upgrade	0	0	1
Distribution system leaks repairs	19	41	59
Transmission line leaks repairs	6	33	0
Meter box installed	0	2	6
Valves installed	0	2	0
Valve repaired	0	3	0
Fire hydrant installed/ repaired	47	99	1
Property owners Leak	4	26	42
Low water pressure	13	45	20
Turn on & turn offs	0	8	17
Valve exercising	0	0	18

Collection	FY2021 Dec	FYTD	FY2020 Dec
New sewer taps installed	28	55	39
Repaired / replace sewer taps	5	8	5
Sewer taps / cleanout located	0	2	3
Collection point repairs	0	0	16
Cleanouts installed	3	9	6
Main line stoppages	0	14	10
Residential stoppages	8	60	51
Sewer line installed	0	182	82
Manhole installed	0	0	2
Manhole repaired / rebuilt	0	1	0
Manhole cover / rim replaced	1	5	0
Cave in repair	-	3	0

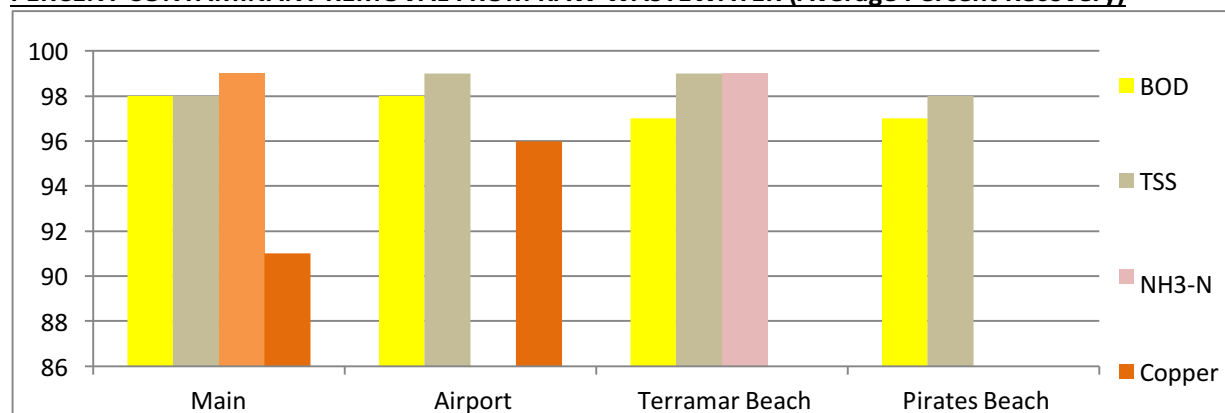
SLRAT & LCCTV	FY2021 Dec	FYTD	FY2020 Dec
Water Used (Gallons)	26,400	48,195	30,520
Material Removed (Yards)	26	64	52.5
Manholes Cleaned	23	64	37
Cleanouts Cleaned	32	77	4
Mains Cleaned (Feet)	9,174	20,132	15,580
Service Lateral Cleaned (Feet)	354	765	3,280
Service Lines TV'd (Feet)	383	1,061	126
Main Lines TV'd (Feet)	2,137	2,349	844
Debris Taken to Dump (lbs)	40,020	152,340	15,260
Mains Surveyed (Feet)	3,352	12,607	9,188
Mains Block (Feet)	345	1,575	1,869
Proactive Inspection of Manholes	34	1,920	96
Proactive Line Cleaning (Feet)	1,225	3,835	-
Proactive Televising (Feet)	982	2,349	-

Monthly Report December 2021

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Million Gallons Per Day			Daily Max.	Average Mg/L			
Plant Flow	Average	2 Hr. Peak	Entero	Copper	BOD	TSS	NH3N
Main	3.637	NA	10	0.008	2.2	2.6	0.008
Airport	1.803	3.3	10	0.002	2.4	2.0	N/A
Terramar	0.192	N/A	10	N/A	2.0	2.4	0.22
Pirates	0.236	N/A	0.96	N/A	2.3	2.3	N/A
Seawolf Park	Under Design						
Permit Limits	Million Gallons Per Day						
Plant Flow	Average	2 Hr. Peak	Entero	Copper	BOD	TSS	NH3N
Main	10.0	NA	104	0.051	25	40	10
Airport	3.75	11.2	104	0.0256	45	45	N/A
Terramar	0.500	N/A	89	N/A	25	40	10
Pirates	0.625	N/A	104	N/A	45	45	N/A

Pirates Beach Plant flow splits according to flow demand for the Golf Course. When demand is met the remaining flow is discharged into the Bayou. This flow is reported and mailed to T.C.E.Q on a MER - Monthly Effluent Report.

PERCENT CONTAMINANT REMOVAL FROM RAW WASTEWATER (Average Percent Recovery)



*TSS- Total Suspended Solids * BOD - Biochemical Oxygen Demand * Copper *NH3-N - Ammonia as Nitrogen

These are permitted parameters set by the TCEQ

Main Wastewater Treatment Plant

1. Replaced upper Conveyor parts.
2. Preventive Maintenance on Valves.
3. Manually remove scum & grit from SBR 1-6.

Airport Wastewater Treatment Plant

1. Blower 1 & 3 O/S.
2. De-ragged 2 Influent Pumps.
3. Waiting for new terminal blocks for Blowers.

Pirates Beach Wastewater Treatment Plant

1. Removed (2) loads of sludge to Main Plant.
2. Generator radiator leaking.

Terramar Beach Wastewater Treatment Plant

1. Removed (4) loads of sludge to Main Plant.
2. Cleaned Outfall basin.

Lift Stations

1. Lift Station 21 back to normal operations.
2. Lift Station 57 guiderails replaced.
3. Removed rags from Lift Station 35 pump 2.
4. Installed Floats for portable pump.
5. Pumped Sewer out of wet well Lift Station #59.

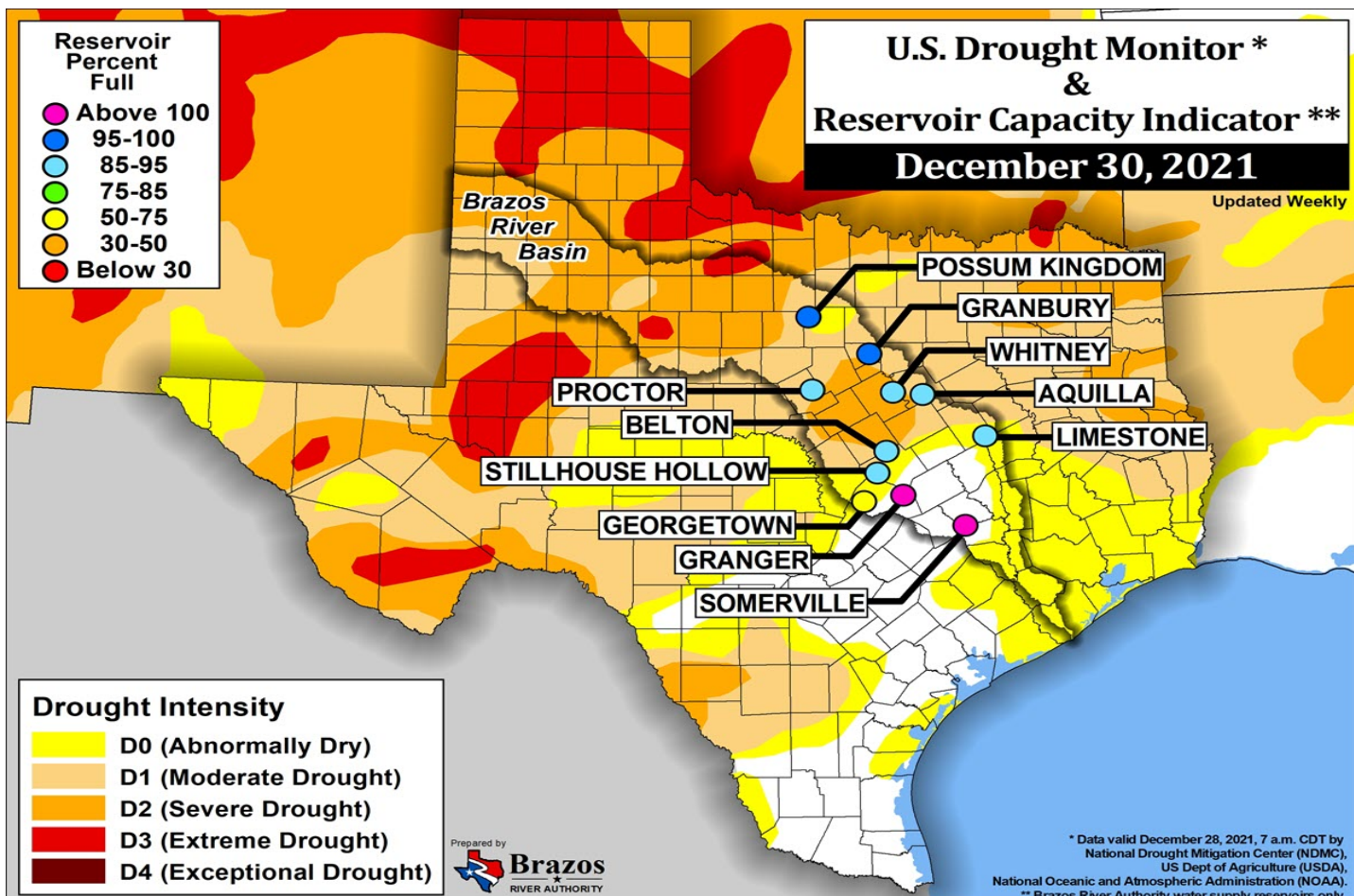
Public Works Municipal Utilities Department
Industrial Pretreatment Program
Monthly Report

Dec-21

NOV's	4
Verbal Warnings	2
Denial Letters on Exemptions/Extensions	0
Consent Orders	0
Show Cause Orders	0
Emergency Water Suspension	0
Food service establishment inspections	254
Food service establishment inspection follow-ups	27
Industrial inspections	0
Waste hauler inspections	91
Hauled waste received at main plant (gallons)	137,610
Total waste hauler bill	\$7,255.00
(SSO's) Inspections made	4
Witness pumping event	18
Written Enforcement	0

Other activities included:

Billing the County Jail. Data entry for pretreatment software. Data entry for FOG software. Investigation of sanity sewer complaints. Waste-hauler billing. Inspected sewer mains. Faxing SSO's. Entering SSO's on spreadsheet. Reconciling waste hauler tickets. Filing. Meeting with Restaurant Owners. Show Cause Hearings. Making files for new facilities. Making new spreadsheets.



BRA Water Supply Reservoirs "PERCENT FULL" December 29, 2021



Updated Weekly

